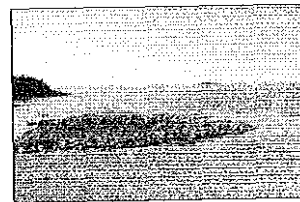
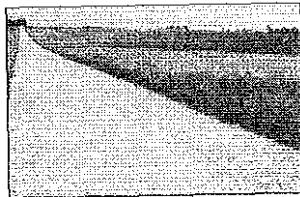
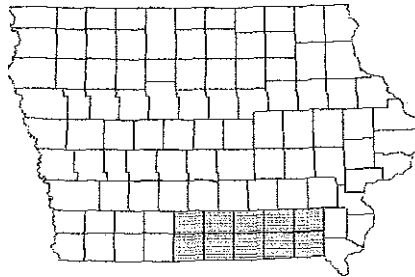


## Southern Iowa Development and Conservation Authority



## Southern Iowa Development and Conservation Authority

• Established by the Iowa State Legislature in 1999

• Member counties include Appanoose, Clarke, Davis, Decatur, Jefferson, Lucas, Monroe, Van Buren, Wayne, and Wapello

• The mission of the Authority is to plan and execute projects related to the unique natural resource, rural development, and other local area problems of southern Iowa



## **Southern Iowa Development and Conservation Authority**

Current priority of the Authority is the accelerated construction of road structures to improve drainage and protect water quality in the 10 county region.

- Fiscal year 2002 request for a state appropriation of \$600,000

- 100% of state funds requested will be used to complete the construction of 20 road structures at a total cost of \$1 million

- Member counties and existing public programs will provide the balance of funds required for the road structures

## **Southern Iowa Development and Conservation Authority**

Important water resources in the ten county Authority area that are threatened by sediment and associated pollutants include:

- Major water supplies including Rathbun Lake, Lake Park, Lake Macbratner, and the Earlfield Reservoirs

- The major and minor wetland lakes including Bob White Lake, Lake Superior, Lake Reid, Lake Reid, Lake Reid, and Lake Reid

- Other locally important water resources such as the Fox River





## **Southern Iowa Development and Conservation Authority**

### **Water quality benefits of road structures include:**

- Effective in capturing up to 95% of eroded soil around the road

- Reduce sediment stream loads and protect water quality

- Reduce sediment loads to downstream water bodies

- Reduce sediment loads to downstream water bodies



## **Southern Iowa Development and Conservation Authority**

Road structures can be cost effective alternatives to replace the large number of deficient and obsolete bridges in southern Iowa:

- 43% or more than 700 of the bridges in the Authority area are structurally deficient and/or functionally obsolete

- The large number of sub-standard bridges directly impacts economic activity in the region, particularly agriculture

- Counties in the Authority are some of the least prosperous in Iowa and have limited resources for costly bridge repair and replacement



## **Southern Iowa Development and Conservation Authority**

### **Transportation infrastructure benefits of road structures include:**

- On average, road structures can be constructed for less than the cost of bridge replacement
- Maintenance and future repair and replacement costs for road structures are a fraction of those associated with bridges

## **Southern Iowa Development and Conservation Authority**

### **Board of Directors**

**Larry Davis, President**  
**Lucas County**

**Rheaa Huddleston**  
**Wapello County**

**John Glenn, Vice President**  
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**Max Proctor**  
**Davis County**

**John Whitaker, Secretary**  
**Van Buren County**

**Terry Robins**  
**Clarke County**

**Dennis J. Ryan, Treasurer**  
**Monroe County**

**John Sellers**  
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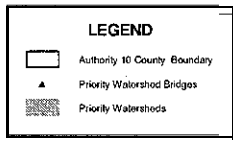
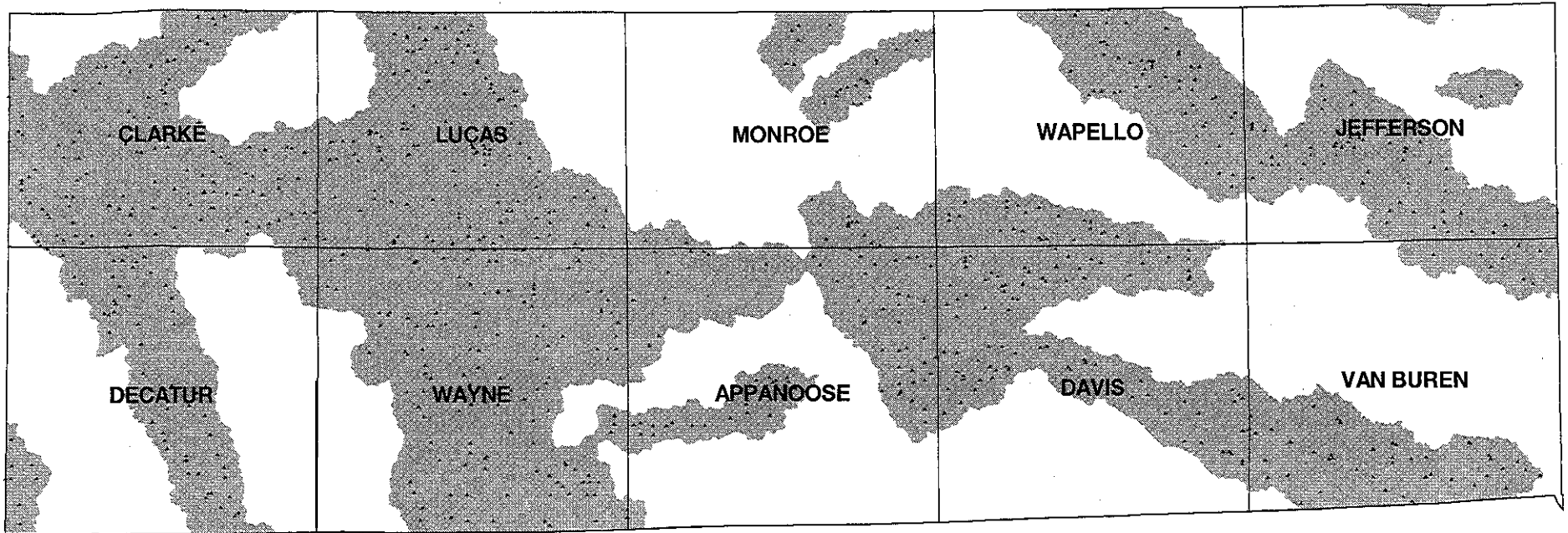
**Larry Eastin**  
**Decatur County**

**J.R. "Dick" Simmons**  
**Jefferson County**

**Office Phone 641-437-4376**

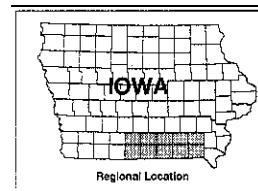


Southern Iowa Development and Conservation Authority  
Bridges in Priority Watersheds



Source: Chautauq Valley Resource Conservation and Development  
Southern Iowa Development and Conservation Authority  
Iowa DOT Digital CAD Data  
Iowa Department of Natural Resources NRI/MS

County Name	# Bridges in Priority Watersheds	% Bridges in county that are structurally deficient/functionally obsolete
Appanoose	73	34%
Clarke	133	37%
Davis	86	52%
Decatur	63	31%
Jefferson	62	31%
Lucas	141	62%
Monroe	38	35%
Van Buren	53	56%
Wapello	84	46%
Wayne	140	39%



0 5 10 Miles

